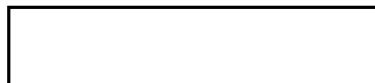STATINTL

Dear Jack:

Enclosed is the reply to the questions [   ] STATINTL
which you passed on to me. Also enclosed is some additional
data on the printer and additional copies of the control
panel. Please ask [   ] to advise as soon as possible on STATINTL
their desire to have a dataphone shipped to them and if any
additional information is required.

STATINTL

Enclosure:
    Data for [   ] STATINTL

31 October 1962

STATINTL

In response to the questions raised in the undated correspondence
titled "Specifications for Dataphone Buffer Equipment |_____| the   STAT
following information is furnished:

1. Statement 1; the undated "Design Parameters of On Line Measuring
    Equipment Output," was intended to be a guide only and I realize
    some points in it may conflict slightly with your |_____| STAT
    equipment.

2. Statement 2; the following is to be considered the output format
    for a full 4 axis readout (coding to be identical to that out-
    lined in Design Parameters):

1.	SOM	25. Y_2 value 10^5
2.	Readout Character	26. Y_2 value 10^4
3.	Instruction Character	27. Y_2 value 10^3
4.	" "	28. Y_2 value 10^2
5.	" "	29. Y_2 value 10^1
6.	" "	30. Y_2 value 10^0
7.	X_1 value 10^5	31. Machine Identifiers 10^2
8.	X_1 value 10^4	32. " " 10^1
9.	X_1 value 10^3	33. " " 10^0
10.	X_1 value 10^2	34. 12 Position Rotaries
11.	X_1 value 10^1	35. " " "
12.	X_1 value 10^0	36. " " "
13.	Y_1 value 10^5	37. " " "
14.	Y_1 value 10^4	38. " " "
15.	Y_1 value 10^3	39. " " "
16.	Y_1 value 10^2	40. " " "
17.	Y_1 value 10^1	41. " " "
18.	Y_1 value 10^0	42. " " "
19.	X_2 value 10^5	43. " " "
20.	X_2 value 10^4	44. " " "
21.	X_2 value 10^3	45.
22.	X_2 value 10^2	46. EOT
23.	X_2 value 10^1	47. MPC
24.	X_2 value 10^0	

Please note that due to request of other manufactures, it is
acceptable to us that EOT be replaced on the 12 position rotaries
by space and the position of EOT be fixed rather than variable
thereby creating a fixed message length.

-2-

3. Statement 3; it would be helpful to blank out groups of X and Y values in the same sequence and manner on the 3 previous [____] STAT However, this is not a firm requirement and will be forfeited in favor of reliability if necessary. I would appreciate knowing your decision on this matter as soon as possible.

4. Statement 4; the value of a sign is redundant in this case and is not required as indicated on the output sequence.

5. Statements 5 & 12; solid state logic is to be used in preference to relays.

6. Statement 9; this should be acceptable provided a stable supply voltage is available to insure the 8 volts.

7. Statement 13; the typewriter in this unit is to be a [____] STAT [____] send-receive Printer utilizing conventional teletype 5 level code with 100 words per minute gear box (additional characteristics attached).

STAT (left margin beside 7)

STATINTL

8. Statement 14; attached is a rough layout of the [____] control panel. Provision should be made on the [____] rack for any additional switches not listed. Additional liaison will be required on switch type and lead lengths.

STATINTL

9. Statement 15; the teletype printer is not to be attached directly to the [____] rack but should be attached via a cable no shorter than 15 feet. A dataphone and set of prints are available for shipment to you if you feel it advisable.

STATINTL (left margin beside 9)

10. Statements 6, 7, 8, 10 & 11; sufficient data was not presented to comment on. If any problems are presented in these statements, please send additional details.

[____] STATINTL

Enclosures:
[____] Control Panel
Teletype Option Selection
Teletype Code
Teletype Brochure

STAT (left margin beside Enclosures)